

CLAIMS

What is claimed is:

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1. A method for associating data with physical devices comprising the steps of:
- (a) starting with a first SCSI enclosure service data location;
- (b) comparing one or more addresses;
- (c) mapping correlating addresses in response to said comparison;
- (d) removing at least one of a SCSI enclosure service device and a drive which have been successfully mapped from a loop data utilized for further mapping to allow for another mapping of a previously failed mapping of an enclosure.
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2. The method as claimed in claim 1, wherein comparing of one or more addresses includes comparing in a forward or reverse direction.
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3. The method as claimed in claim 1, further comprising:
implementing said first SCSI enclosure service location as an anchor.
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4. The method as claimed in claim 1, further comprising:
accounting for a state when said anchor is at a beginning, an end, or in a middle of one or more devices.
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5. The method as claimed in claim 4, further comprising:
marking one or more devices as mapped if a single match is found; and
marking the comparison as ambiguous if more than one match is found.

1 6. A computer readable medium configured to store instructions for
2 associating data with physical devices comprising the steps of:
3 starting with a first SCSI enclosure service data location;
4 comparing one or more addresses;
5 mapping correlating addresses in response to said comparison;
6 removing at least one of a SCSI enclosure service device and a drive which have
7 been successfully mapped from a loop data utilized for further mapping to allow for
8 another mapping of a previously failed mapping of an enclosure.

1 7. The computer readable medium as claimed in claim 6, wherein comparing
2 of one or more addresses includes comparing in a forward or reverse direction.

1 8. The computer readable medium as claimed in claim 6, further comprising:
2 implementing said first SCSI enclosure service location as an anchor.

1 9. The computer readable medium as claimed in claim 6, further comprising:
2 accounting for a state when said anchor is at a beginning, an end, or in a middle of
3 one or more devices.

1 10. The computer readable medium as claimed in claim 9, further comprising:
2 marking one or more devices as mapped if a single match is found; and
3 marking the comparison as ambiguous if more than one match is found.

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